



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D4092-041
Job Sheet 172183



Part No: D4092-041

Job Qty: 4 ea

Part Name: Maintenance Step Assembly



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/13/18

Job Tracking No:

Due Date: 2/21/18

Created By: Linda Lacelle

Type: SOLD

Description:

Note: DWG REV C IPP REV:A NEW ISSUE 10-06-01 JLM VERIFIED BY:DD IPP REV:B AS PER ECN 11-639 JLM VERIFIED BY:DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Lead Time	Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier			
90	Start up Operation	4 Ea		2/20/18	0.00	0.00	Start Up Stores/Pkg-1			FEB 13 2018
100	Packaging	4 pcs		2/20/18	0.00	0.00	Packaging1-4			FEB 13 2018
110	Small Fab	4 pcs		2/21/18	0.00	1.50	Small Fab-5			JAS
120	QC	4 pcs		2/21/18	0.00	0.00	QC5			38
130	Packaging	4 pcs		2/21/18	0.00	0.00	Packaging3-2			FEB 15 2018
140	QC21-SA	4 Ea		2/21/18	0.00	0.00	QC21			FEB 15 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D4092-1	Maintenance Step	8 Ea (2 ea)	90-Start up Operation	
D4093-1	Bracket	4 Ea (1 ea)	90-Start up Operation	
D4093-3	Bracket	4 Ea (1 ea)	90-Start up Operation	
D4093-5	Bracket	8 Ea (2 ea)	90-Start up Operation	
MS21042L3	Nut	48 Ea (12 ea)	90-Start up Operation	
MS24694-S54	Screw	8 Ea (2 ea)	90-Start up Operation	
MS24694-S55	Screw	32 Ea (8 ea)	90-Start up Operation	
MS24694-S56	Screw	8 Ea (2 ea)	90-Start up Operation	
NAS1149D0332J	Washer	48 Ea (12 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	D4092-1	8	23	0
	D4093-1	4	4	0
	D4093-3	4	5	0
	D4093-5	8	9	0
	MS21042L3	48	3,699	0
	MS24694-S54	8	132	0
	MS24694-S55	32	108	0
	MS24694-S56	8	76	0
	NAS1149D0332J	48	3,834	0

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION		AGAINST DEPARTMENT/PROCESS					
	Rework ☐		Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐		
	Scrap ☐		Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐		
	Use-as-is ☐		Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐		
	Suspected Unapproved ☐		Large Fab ☐	Composite ☐	Supplier ☐			

Date : _____	Step #: _____	QTY Effective : _____	MRB (QSI042) Approval
Description Work Order Deviation		Disposition	

 Maintenance Step Assembly PART NO: D4092 - 041 Original Serial #: S041906 Revision: Operation: Change No:	Completed By
	id / Supervisor ral Verification
	QA Coordinator Approval

Root Cause		Start up Operation 02/13/18 Job No: 172183		Positioned Wrong Outside Dimensions Over/Under tolerance Part Incorrect Part Lost/Missing Part Moved Drawing Finish Misread Turning Sequence
Environment ☐	No Re-verification ☐	Pres ☐	Com... ☐	
Design ☐	Operator ☐	Ben ☐	Countersink ☐	
Doc/Data ☐	Offset/Setup ☐	Cer ☐	Cut Too Short ☐	
Equip/Tooling ☐	Supplier ☐	Crä ☐	Instructions Incomplete/Unclear ☐	
Handling/Pre ☐	Training ☐	Crimp/Kink/Rippie/... ☐	Drill Holes ☐	
Material ☐	Use for Testing ☐	Cuffs ☐	Fit/Function ☐	
Internal Transport ☐	Poor Information ☐	Crushing ☐	Misaligned/off center ☐	
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐		
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐		
Substation ☐	Process Improvement ☐	Marks/Chatter ☐		
Past Expiry Date ☐	Manufacturing Process ☐			
Misidentified ☐	Past Due ☐	OTHER : _____		

Part Specifications
Specifications could not be found.

Plex 2/13/18 12:42 PM dart.lacelle.linda

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table border="0"> <tr> <td>Skid-tube ☐</td> <td>Cross tube ☐</td> <td>Water Jet ☐</td> <td>Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date :	Step #:	QTY Effective :	MRB (QSI042) Approval
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Description Work Order Deviation	Disposition	Completed By
		Lead hand / Supervisor Approval Verification
		QC / QA Coordinator Approval

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Master Unit 000847

Tel (613) 632-5200

Containers on Master Unit 000847				
Serial No	Part No	Customer Part No	Status	Quantity
F164927	D4092-1		Allocated	2
S041896	D4092-1		Allocated	6
F165213	D4093-1		Allocated	4
F165214	D4093-3		Allocated	4
F166285	D4093-5		Allocated	8
S041899	MS21042L3	MS21042L3	Allocated	48
S041900	MS24694-S54		Allocated	8
Fm138045.0	MS24694-S55	MS24694-S55	Allocated	14
S041901	MS24694-S55	MS24694-S55	Allocated	18
S041902	MS24694-S56		Allocated	8
S041903	NAS1149D0332J	NAS1149D0332J	Allocated	48